



## Early Journal Content on JSTOR, Free to Anyone in the World

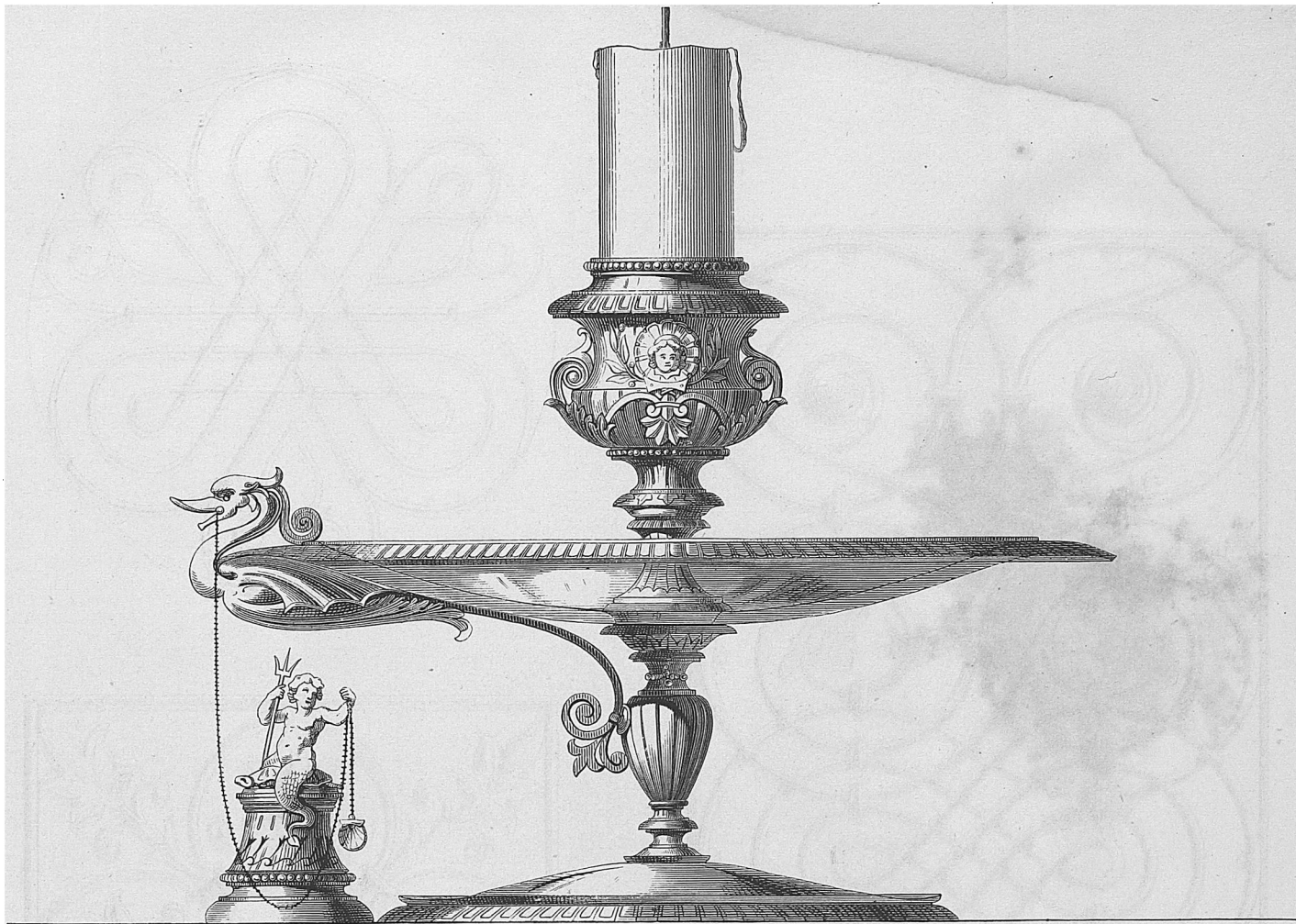
This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).



No. 24.

No. 24. Silver Bed-room Candlestick with Crystal Salver. Real size. Mr. Durm, Archt., Carlsruhe.

## VARIOUS.

### To Cleanse Brass.

Rub some bichromate of potassa fine, pour over it about twice the bulk sulphuric acid, and mix this with an equal quantity of water. The dirtiest brass is cleaned in a trice. Wash immediately in plenty of water, wipe it, rub perfectly dry, and polish with powdered rotten-stone.

### Toilet Flower-Vases.

The season of flowers is at hand, and Art-manufacturers have prepared various novelties for their reception in town and city houses. Our attention has been directed to several issues of the Works at Worcester — the Royal Porcelain Works, the Art-director of which, Mr. R. W. Binns, has certainly effected more improvements in British porcelain than any other artist of his time. These elegant and graceful vases are of very varied forms. The hand holding a cup has been some time known; it has been subjected to changes. A dove bearing a vase is exceedingly attractive, and is sure to be popular. The three in one occurs in several forms, being in use chiefly for violets; another is a group, a smaller vase "overlooked" by two large and taper holders, for a bunch and single flowers; another consists of seven stems, each of which is destined to hold a rose; in another eagle's claws bear up the vase; another represents a horn supported by goat's feet, a bird at the point; another is a sort of plate of refined character on a tripod,

the indentation in the centre containing the water for the flowers. We have named a few of the ingenious "novelties" that court acceptance at the coming season; they meet all tastes, and have, each, some special recommendation. The firm at Worcester has obviously made great efforts to obtain pre-eminence in this particular class of Art-produce; though comparative trifles, they are home essentials. It is, therefore, of the highest importance that they should be good in design and execution: and they are so.

### Flooring Tiles and Slabs made from Slate Refuse.

The immense accumulation of refuse in the slate quarries has induced M. Sebillé to convert it into paving tiles and other useful articles. The slate, with a certain proportion of river sand and pitch, all reduced to powder, is heated by steam, then poured into moulds of the form required, and then subjected to hydraulic pressure. The tiles or slabs are then cooled in water, and the upper surfaces ground smooth if required. The density of these slate tiles varies between 2.2, and 2.5, they are not readily affected by acid or alkaline solutions, and will bear a temperature of about 160° Fah. without injury. The process is said to be cheap, and the artificial stones produced are harder than the slate from which they are made.

*Scientific American.*